

PATENT APPLICATION FEE DETERMINATION RECORD  
Effective December 8, 2004

10/648819

CLAIMS AS FILED - PART I

|                                  | (Column 1)   | (Column 2)               |
|----------------------------------|--------------|--------------------------|
| TOTAL CLAIMS                     |              |                          |
| FOR                              | NUMBER FILED | NUMBER EXTRA             |
| TOTAL CHARGEABLE CLAIMS          | minus 20 =   |                          |
| INDEPENDENT CLAIMS               | minus 3 =    |                          |
| MULTIPLE DEPENDENT CLAIM PRESENT |              | <input type="checkbox"/> |

\* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

|   | (Column 1) | (Column 2)                                | (Column 3)                                  |
|---|------------|---|---|
| AMENDMENT A   | 10/14/03   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR |
| Total   | 12         | Minus                                     | 20 =  |
| Independent   | 6          | Minus                                     | 3 = 3                                       |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |            |   |   |

| SMALL ENTITY |                          | OTHER THAN<br>SMALL ENTITY |                          |
|--------------|--------------------------|----------------------------|--------------------------|
| TYPE         | <input type="checkbox"/> | OR                         | <input type="checkbox"/> |
| RATE         | 150.00                   | RATE                       | 300.00                   |
| OR           |                          | OR                         |                          |
| X\$ 25=      |                          | X\$50=                     |                          |
| OR           |                          | OR                         |                          |
| X100=        |                          | X200=                      |                          |
| OR           |                          | OR                         |                          |
| +180=        |                          | +360=                      |                          |
| TOTAL        |                          | OR                         | TOTAL                    |

| OTHER THAN<br>SMALL ENTITY |                        | OTHER THAN<br>SMALL ENTITY |                        |
|----------------------------|------------------------|----------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                       | ADDI-<br>TIONAL<br>FEE |
| X\$ 25=                    |                        | X\$50=                     |                        |
| OR                         |                        | OR                         |                        |
| X100=                      |                        | X200=                      | 600                    |
| OR                         |                        | OR                         | 600                    |
| +180=                      |                        | +360=                      |                        |
| TOTAL<br>ADDT. FEE         |                        | TOTAL<br>ADDT. FEE         | 600                    |

|   | (Column 1)                                | (Column 2) | (Column 3)                                  |
|---|---|------------|---|
| AMENDMENT B   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |            | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR |
| Total   | Minus                                     | 20         | =   |
| Independent   | Minus                                     | 3          | = 3   |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |   |            |   |

| RATE                   |  | RATE                   |  |
|------------------------|--|------------------------|--|
| ADDI-<br>TIONAL<br>FEE |  | ADDI-<br>TIONAL<br>FEE |  |
| X\$ 25=                |  | X\$50=                 |  |
| OR                     |  | OR                     |  |
| X100=                  |  | X200=                  |  |
| OR                     |  | OR                     |  |
| +180=                  |  | +360=                  |  |
| TOTAL<br>ADDT. FEE     |  | TOTAL<br>ADDT. FEE     |  |

| RATE                   |  | RATE                   |  |
|------------------------|--|------------------------|--|
| ADDI-<br>TIONAL<br>FEE |  | ADDI-<br>TIONAL<br>FEE |  |
| X\$ 25=                |  | X\$50=                 |  |
| OR                     |  | OR                     |  |
| X100=                  |  | X200=                  |  |
| OR                     |  | OR                     |  |
| +180=                  |  | +360=                  |  |
| TOTAL<br>ADDT. FEE     |  | TOTAL<br>ADDT. FEE     |  |

|   | (Column 1)                                | (Column 2) | (Column 3)                                  |
|---|---|------------|---|
| AMENDMENT C   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |            | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR |
| Total   | Minus                                     | 20         | =   |
| Independent   | Minus                                     | 3          | = 3   |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |   |            |   |